Installation Guide

Please visit **www.lian-li.com** for FRANCE / GERMANY / SPAIN user's manual
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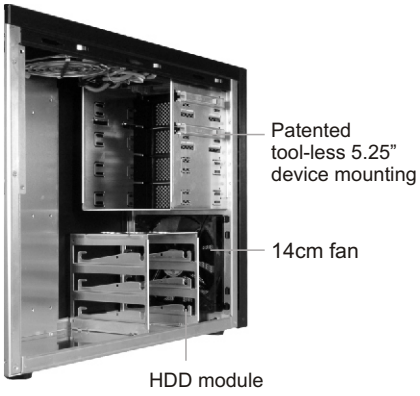
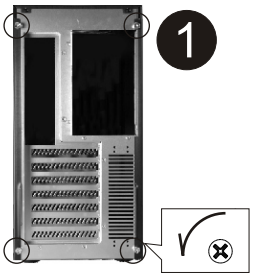
Visite el sitio Web **www.lian-li.com** para obtener el manual del usuario en FRANCÉS ALEMÁN Y ESPAÑOL
Besuchen Sie bitte **www.lian-li.com** für die französische/ deutsche/ spanische Gebrauchsanleitung

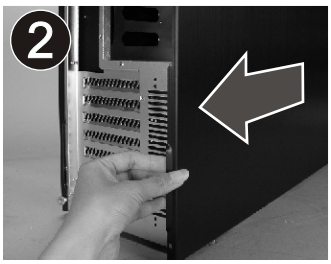
Case components



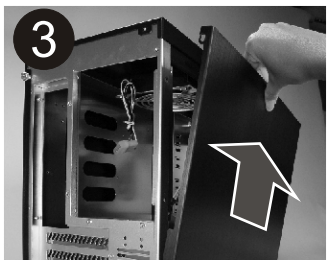
Guide to open left and right side panels



1. Remove four thumb screws.

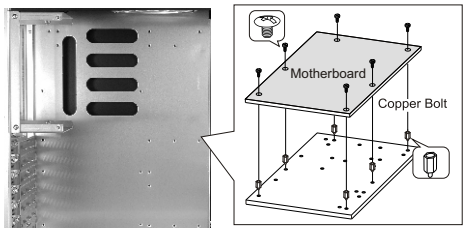


2. Slide panel backword to release.



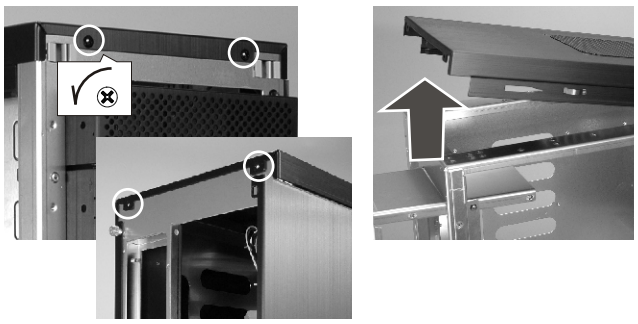
3. Lift up the side panel.

Motherboard installation



According to M/B specification, select proper screws points, engage the standoffs into the corresponding points of the M/B tray, secure the M/B with screws the standoffs.

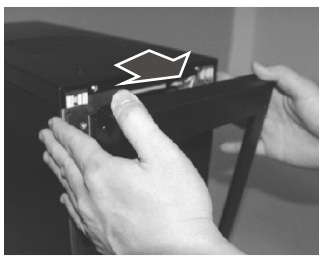
Removable top panel



Loosing four screws to remove the top cover.

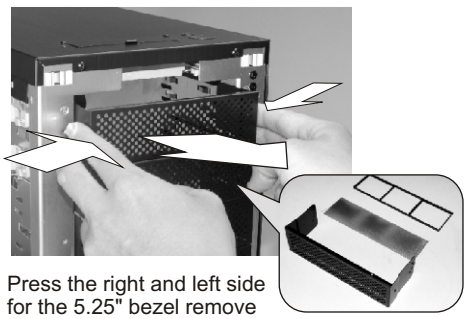
Caution: Remove all side panels before remove the top panel.

Remove front panel



Pull the front panel toward yourself.

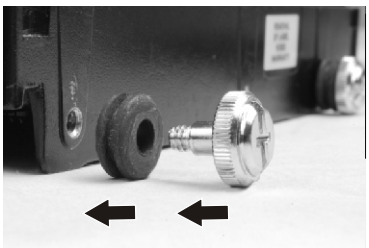
Remove mounting bracket



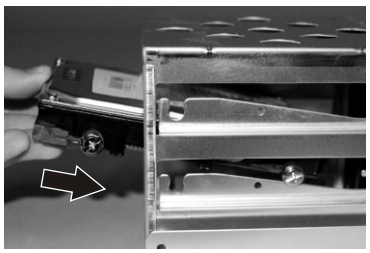
Press the right and left side for the 5.25" bezel remove the mounting bracket.

Removable air filter

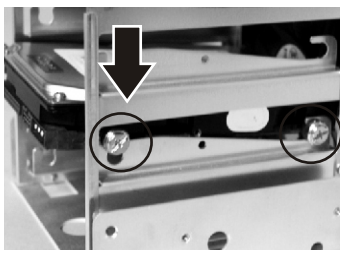
Hard disk installation for modularized HDD cage



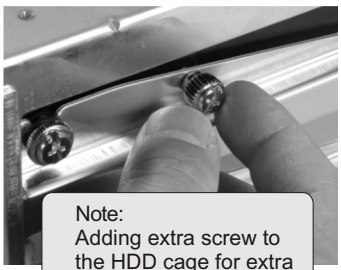
1. Fasten the HDD screws with anti-vibration rubber rings to the HDD.



2. Slide the HDD into the HDD cage with the anti-vibration kit.



Press down the HDD into the slots to secure.



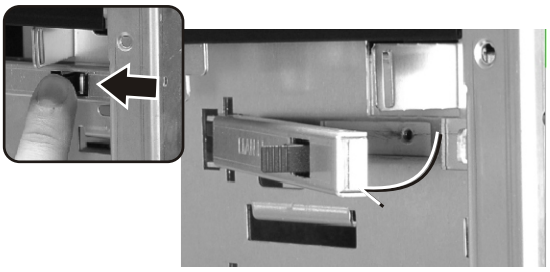
Note:
Adding extra screw to the HDD cage for extra security.

Hardware list

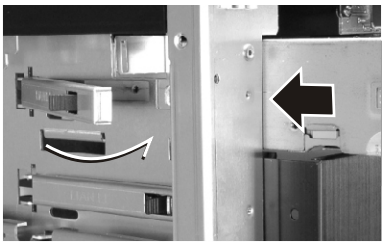
＊ Extra quantities are spare parts.

Screw(22) to fix drive & motherboard	Buzzer wire(1)	Thumb screw(13) & rubber ring(13) for fix HDD	Screw(5) to fix power supply
Screw(5) to fix Power supply bracket	Cable tie (2) for cable		Thumb screw(3) for HDD extra fixing
Screw driver(1) to ass'y motherboard	Copper bolt(10) for motherboard	Power supply bracket(1)	

ODD installation

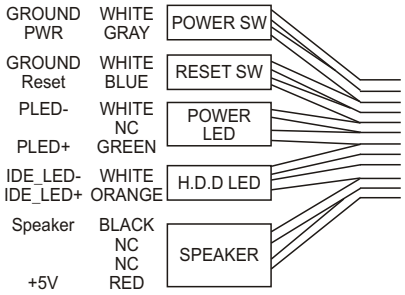


Just press plastic handle to release the mounting bracket.

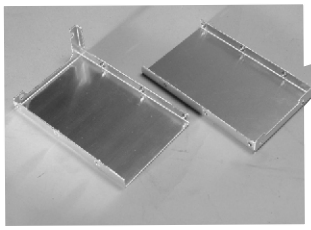


Push the CD-ROM into the ODD module, Close the bracket.

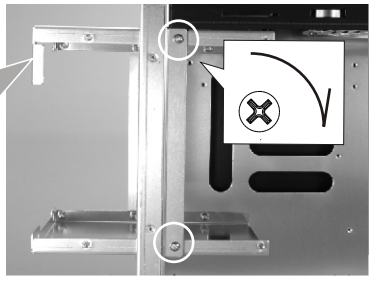
Front panel cable installation guide

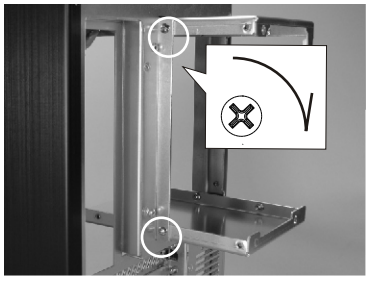


Multi - Position PSU installation

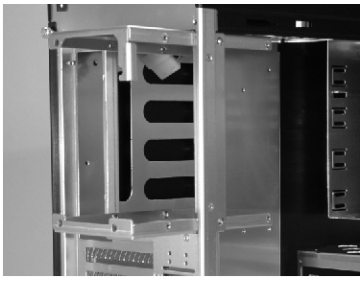


Power supply brackets

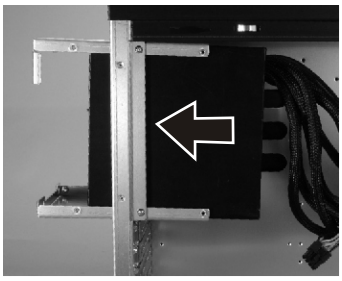




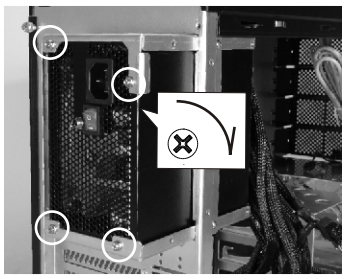
Install the power supply bracket to the PSU tray opening.



Finish

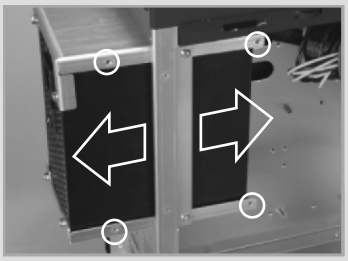


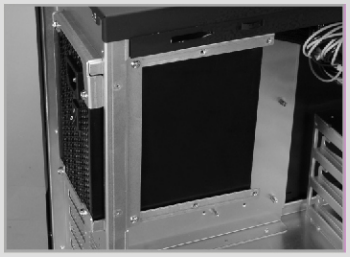
Push in the PSU between the power supply brackets.



Fasten four screws to secure the PSU.

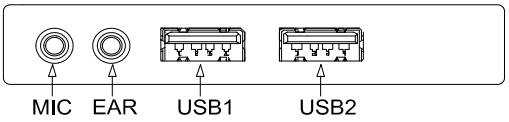
NOTE:



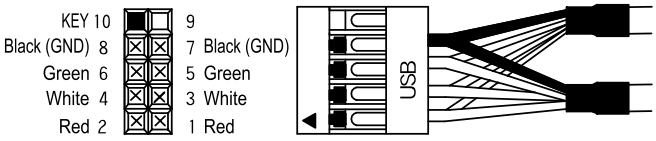


Three mounting points for adjusting the PSU position, support power supply unit to 410mm long max.

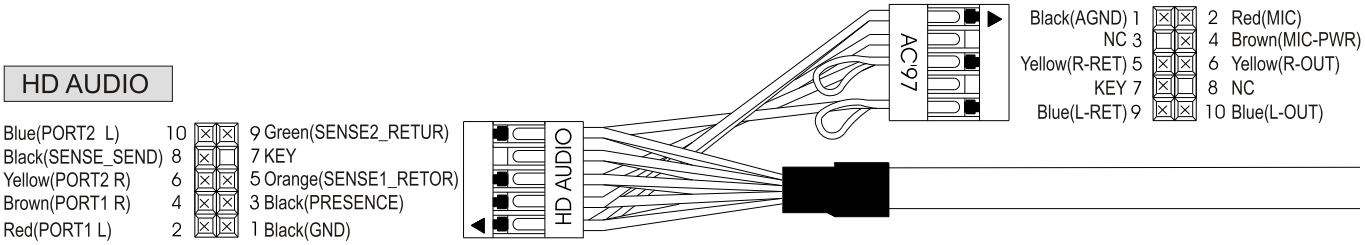
I/O Port installation



USB 2.0



HD AUDIO



OPTION KITS:

1. Patented PCI Cooling Kit
（12 or 14cm fan）

BS-03

- 12cm ball-bearing fan @1500RPM

BS-06

- 14cm ball-bearing fan @900RPM

- Fan can change to blue LED fan.

2. HDD rack for 3 of 3.5” HDD
(3 bays of 5.25” converter to 3 bays of 3.5” internal)

EX-33B

* 12cm ball bearing fan (@1000RPM) with filter.

EX-H33

* 12 cm ball bearing intake cooling fan(@1000RPM)
* SATA Hop Swap raid

3. Thermometer
Fan speed control
and dedection

TR-5B

* For 5.25” bay

TR-3B

* For 3.5” bay

4. Aluminum bezel

C-02A

C-02B

* For CD/DVD ROM, Only compatible with Lian-Li case.

5. Multi-media
I/O ports

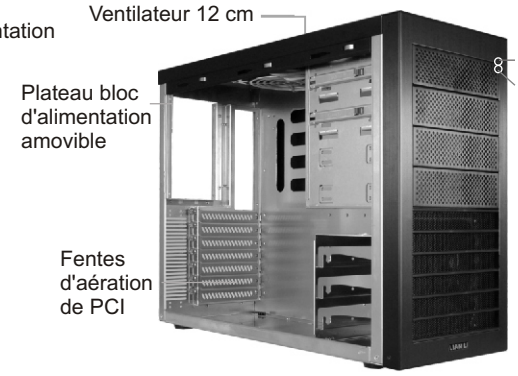
BZ-U01B

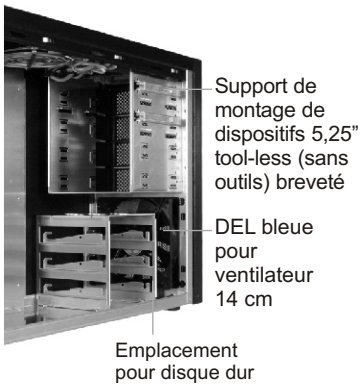
With power/reset button

BZ-U02B

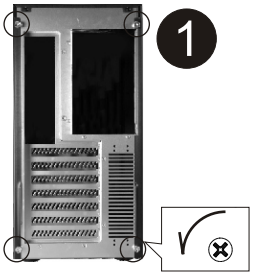
Guide de montage de boîtier PC en aluminium

Composants du boîtier

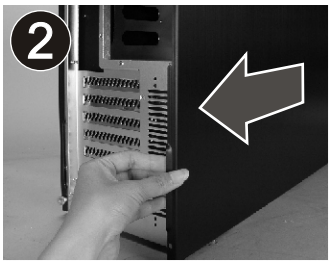



Support de montage de dispositifs 5,25" tool-less (sans outils) breveté
DEL bleue pour ventilateur 14 cm
Emplacement pour disque dur

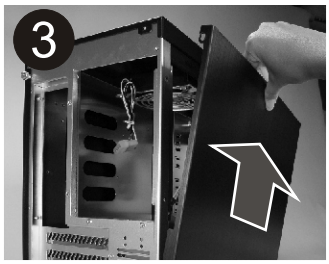
Guide pour ouvrir le panneau latéral droit et gauche



1. Retirez les quatre vis de serrage à mains

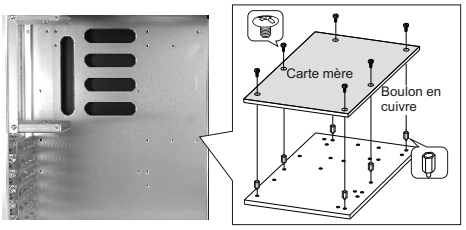


2. Inclinez le panneau vers l'arrière pour le déverrouiller.



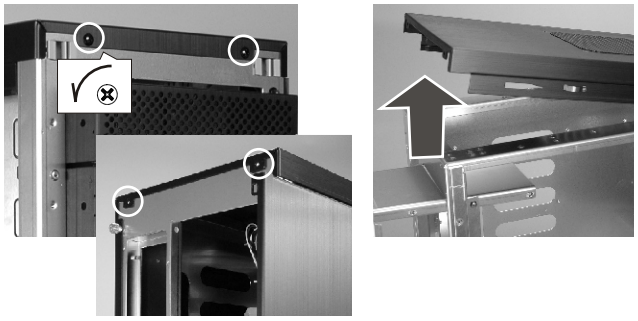
3. Soulevez le panneau latéral.

Installation de la carte mère



Sélectionnez les trous appropriés pour les vis en fonction des spécifications de la carte mère, engagez les chevilles d'écartement dans les trous correspondants du plateau de la carte mère, fixez cette dernière en serrant des vis dans les chevilles.

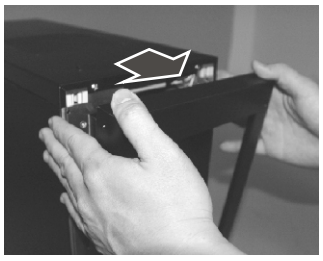
Retrait du panneau supérieur



Desserrez les quatre vis pour enlever le panneau supérieur.

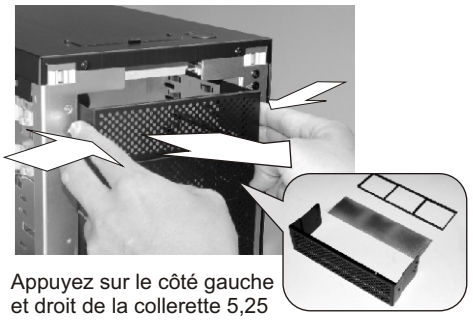
> **Attention :** Enlevez les panneaux latéraux avant le panneau supérieur.

Enlever le panneau avant



Tirez le panneau avant vers vous.

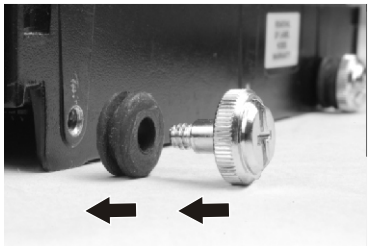
Retirer le support de fixation



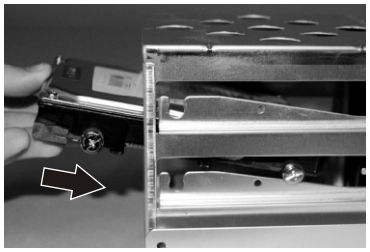
Appuyez sur le côté gauche et droit de la collerette 5,25 pouces pour retirer le support de fixation

Filtre à air amovible

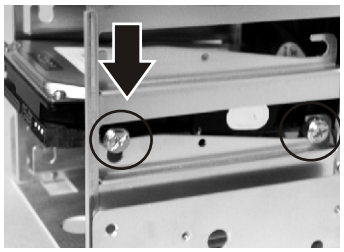
Installation de disque dur dans une cage de disque dur modulable



1. Fixez les vis du disque dur avec leurs bagues en caoutchouc anti-vibration sur le disque dur.



2. Insérez le disque dur avec son kit anti-vibration dans la cage pour disque dur.



Appuyez sur le disque dur pour le fixer dans les fentes.

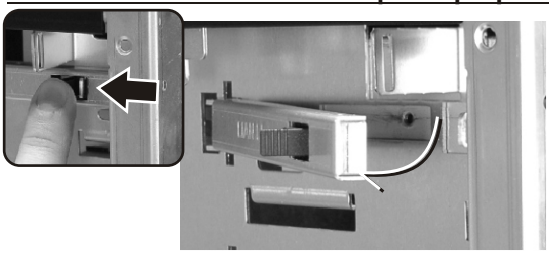
Remarque :
Ajoutez une vis supplémentaire à la cage de disque dur pour plus de sécurité.

Liste du matériel

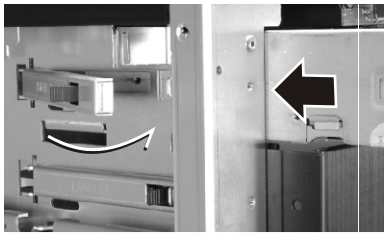
* Extra quantities are spare parts.

Vis (22) pour fixer le lecteur et la carte mère	Fil de l'avertisseur (1)	Vis à serrage à mains (13) et bague en caoutchouc (13) pour fixer le disque dur	is (5) pour fixer le bloc d'alimentation
Vis (5) pour fixer le support du bloc d'alimentation	Attache-câble (1) pour les câbles		Vis à serrage à mains (3) pour renforcer la fixation du disque dur
Tournevis (1) pour installer la carte mère	Boulon en cuivre (10) pour la carte mère	Support pour bloc d'alimentation (1)	

Installation du lecteur de disques optiques

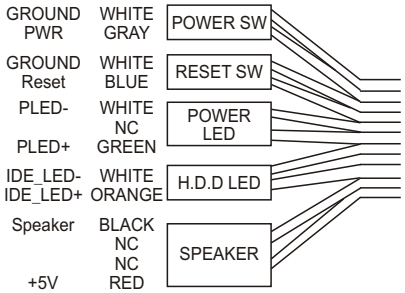


Il suffit d'appuyer sur la poignée en plastique pour libérer le support de fixation.

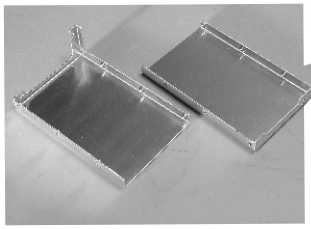


Insérez le lecteur CD-ROM dans le module du lecteur de disques optiques, fermez le support.

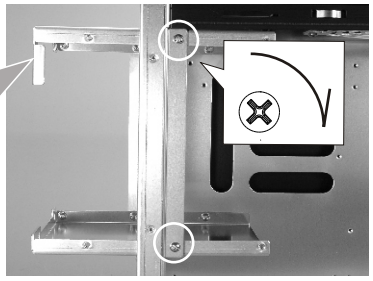
Front panel cable installation guide



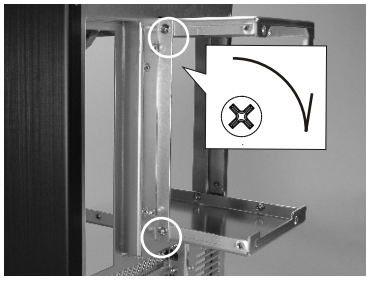
Installation du bloc d'alimentation multi-positions

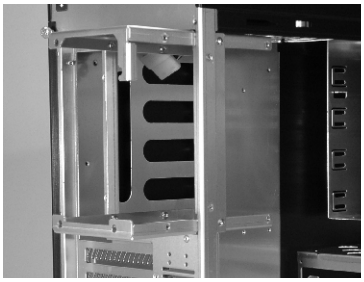


Supports du bloc d'alimentation

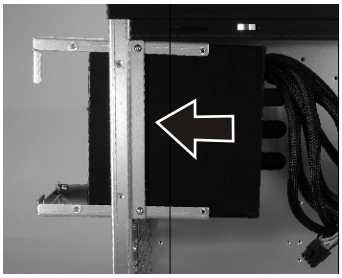


Fixez les supports du bloc d'alimentation dans l'ouverture prévue pour ce dernier.

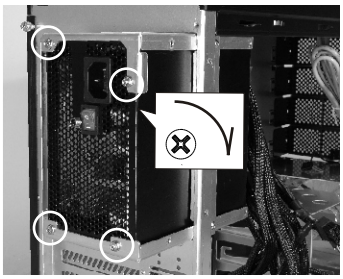




Terminé

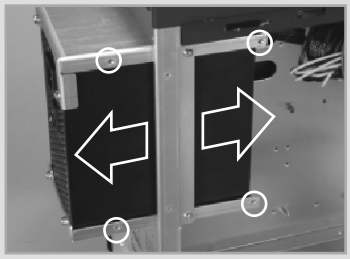


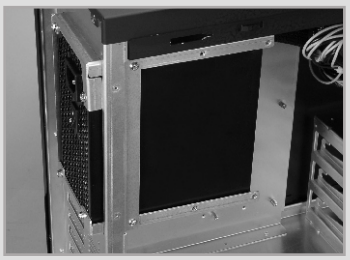
Insérez le bloc d'alimentation entre les supports de ce dernier.



Serrez les quatre vis pour fixer le bloc d'alimentation.

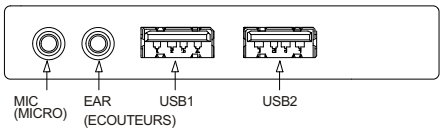
REMARQUE :



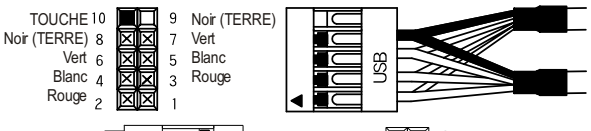


Trois trous de fixation pour régler la position du bloc d'alimentation, qui doit avoir au max. une longueur de 410 mm.

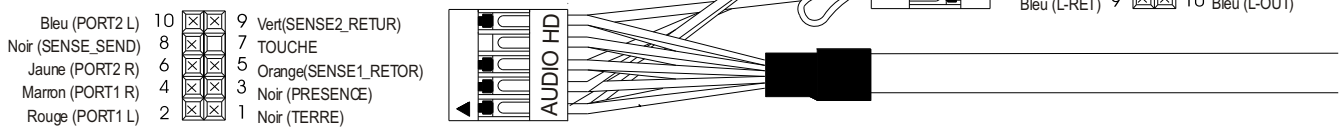
Installation du port E/S



USB 2.0



AUDIO HD



KITS EN OPTION

1. Kit de refroidissement pour PCI breveté (ventilateur 12 ou 14 cm)

BS-03 **BS-06**

* Hélice 12 cm sur roulement à billes à 1500 TPM
* Hélice 14 cm sur roulement à billes à 900 TPM
* Ventilateur pouvant être changé en ventilateur à DEL bleue.

2. Rack pour 3 disques 3,5 pouces (3 convertisseurs de baies 5,25 pouces en 3 baies internes 3,5 pouces)

EX-33B
* Hélice 12 cm sur roulement à billes (à 1000 TPM) avec filtre.

EX-H33
* Hélice 12 cm sur roulement à billes de refroidissement à l'entrée (à 1000 TPM) avec filtre.
* Raid SATA permutable à chaud

3. Thermomètre de mesure et de contrôle de la vitesse du ventilateur

TR-5B
* Pour baie 5,25 pouces

TR-3B
* Pour baie 3,5 pouces

4. Collerette en aluminium

C-02A

C-02B
* Pour CD/DVD ROM, uniquement compatibles avec le boîtier Lian-Li.

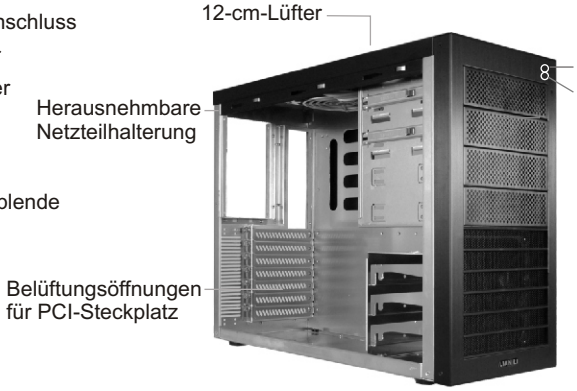
5. Ports d'E/S multimédia

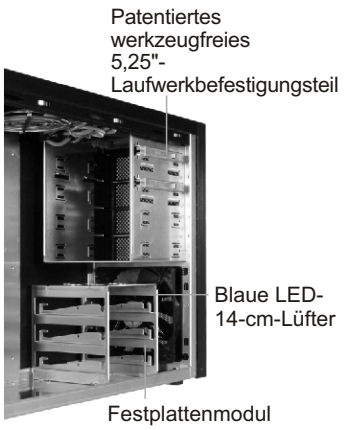
BZ-U01B
Avec bouton de réinitialisation

BZ-U02B

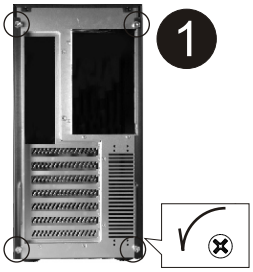
Installationsanleitung für Aluminium-PC-Gehäuse

Gehäusekomponenten

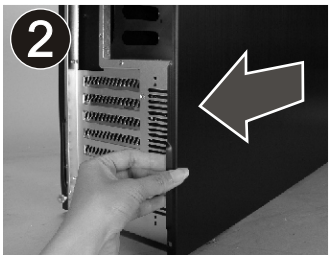




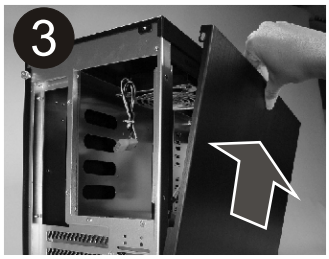
Öffnen der linken und rechten Abdeckplatte



1. Entfernen Sie die vier Rändelschrauben.

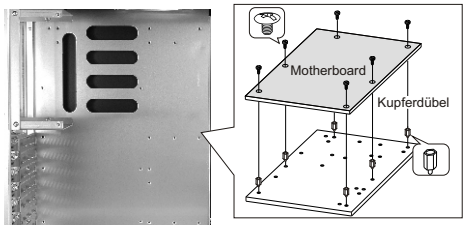


2. Schieben Sie die Platte in Richtung der Gehäuserückseite, um sie abzunehmen.



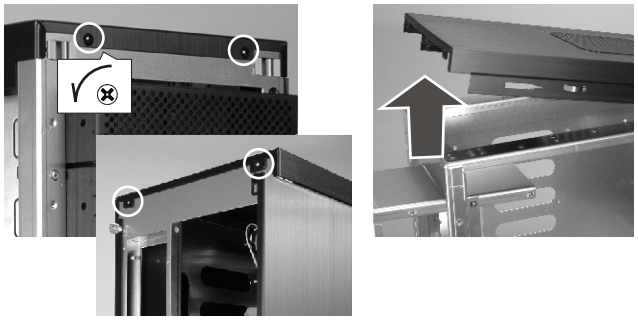
3. Heben Sie die seitliche Abdeckplatte an.

Installation des Motherboards



Wählen Sie anhand der Spezifikation des Motherboards passende Bohrungen an der Motherboard-Halterung, drehen die Abstandshalter in die passenden Bohrungen ein und befestigen das Motherboard mit Schrauben an den Abstandhaltern.

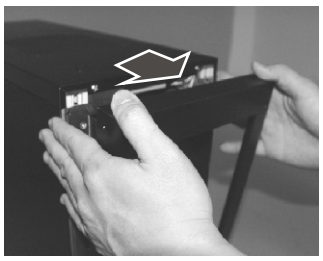
Abnehmbare obere Abdeckplatte



Lockern Sie die vier Schrauben, um den Deckel abzunehmen.

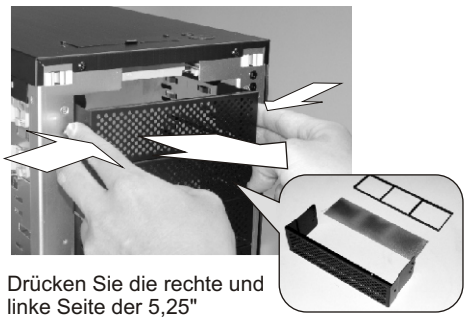
Achtung: Entfernen Sie die beiden seitlichen Abdeckplatten, bevor Sie die obere Abdeckplatte abnehmen.

Entfernen der vorderen Abdeckplatte



Ziehen Sie die vordere Abdeckplatte nach vorne.

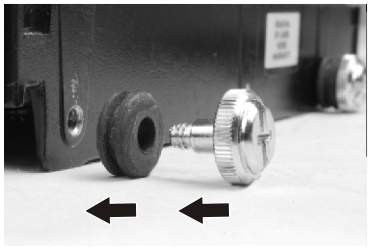
Entfernen des Montagerahmens



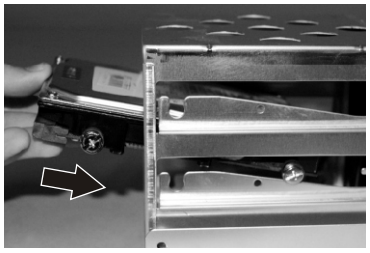
Drücken Sie die rechte und linke Seite der 5,25" Festplattenfachblende, um den Montagerahmen herauszunehmen.

Herausnehmbarer Luftfilter

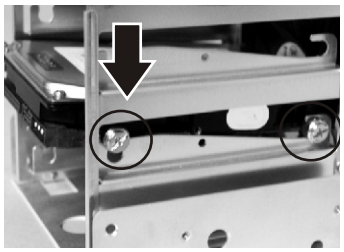
Einbauen einer Festplatte in das modularisierte Festplattenfach



1. Befestigen Sie die Schrauben mit Gummischwingringen an der Festplatte.



2. Schieben Sie die Festplatte mit der Schwingungshemmvorrichtung in das Festplattenfach ein.



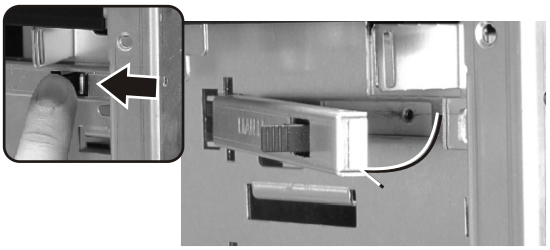
3. Drücken Sie die Festplatte runter in den Steckplatz.

Hardware-Liste

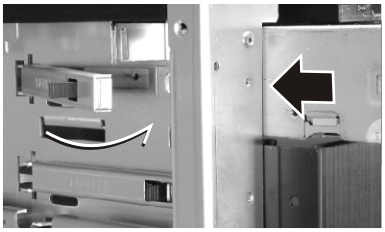
* Extra quantities are spare parts.

Schraube zur Befestigung der Laufwerke und des Motherboards (22)	Summer-Kabel (1)	Flügelschraube (13) und Gummiring (13) zum Befestigen der Festplatte	Schraube (5) zum Befestigen des Netzteils
Schraube (5) zum Befestigen des Netzteils	Kabelbinder (2)		Rändelschraube (3) für zusätzliches Befestigen der Festplatte
Schraubenzieher (1 Stück) für den Einbau des Motherboards	Kupferdübel (10) für das Motherboard	Netzteilhalterung (1)	

Installation eines optischen Laufwerks

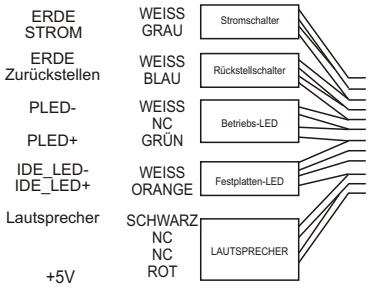


Drücken Sie einfach die Kunststoffklinke und machen das Befestigungsteil auf.

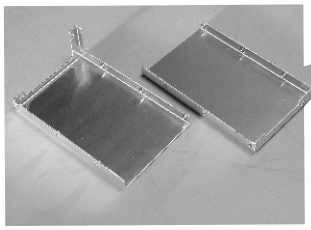


Schieben Sie das optische Laufwerk in das entsprechende Fach ein. Schließen Sie das Befestigungsteil.

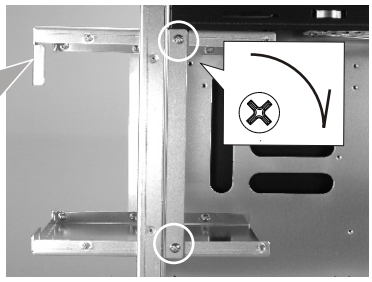
Installationsanleitung für das Fronttafelkabel

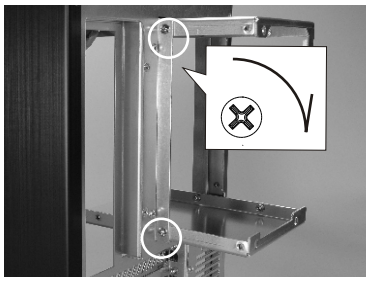


Netzteilinstallation an verschiedenen Positionen

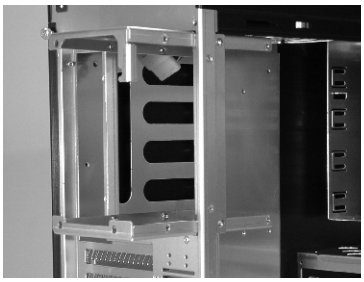


Netzteilhalterungen

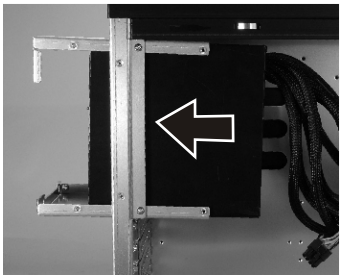




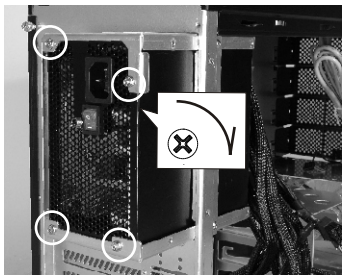
Bringen Sie die Netzteilhalterung an der Öffnung des Netzteilfachs an.



Fertig

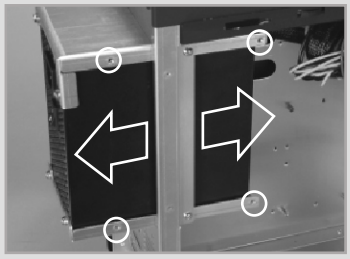


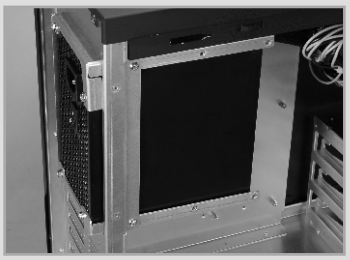
Bauen Sie das Netzteil in die Netzteilhalterung ein.



Verwenden Sie vier Schrauben, um das Netzteil zu befestigen.

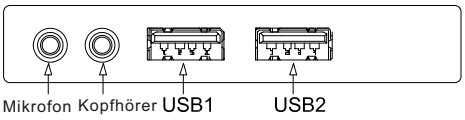
HINWEIS:



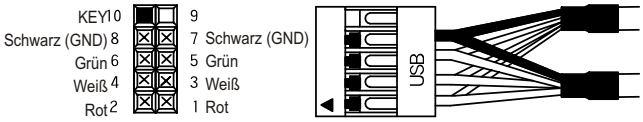


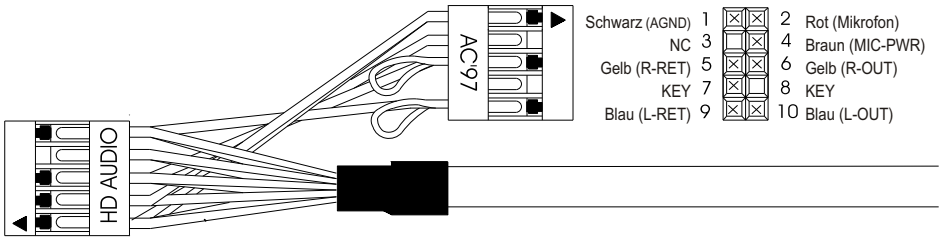
Es gibt drei Befestigungspunkte zur Anpassung der Netzteilposition. Das Netzteil darf maximal 410 mm lang sein.

Installation des I/O-Ports

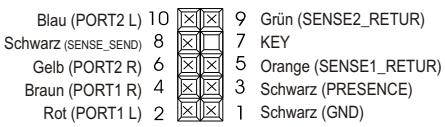


USB 2.0





HD AUDIO


Blau (PORT2 L) 10 9 Grün (SENSE2_RETUR)
Schwarz (SENSE_SEND) 8 7 KEY
Gelb (PORT2 R) 6 5 Orange (SENSE1_RETUR)
Braun (PORT1 R) 4 3 Schwarz (PRESENCE)
Rot (PORT1 L) 2 1 Schwarz (GND)

OPTIONALES ZUBEHÖR

1. Patentiertes PCI-Abkühlungspaket (12- oder 14cm-Lüfter)

BS-03 **BS-06**

* 12-cm-Kugellager -Lüfter @1500RPM
* 14-cm-Kugellager -Lüfter @900RPM
* Der Lüfter kann durch den blauen LED -Lüfter ersetzt werden.

2. Festplattenhalterung für drei 3,5" Festplatten (drei interne 5,25"-auf-3,5"-Laufwerkfachumsetzer)

EX-33B
* 12-cm-Kugellager -Lüfter (@1500RPM) mit Filter

EX-H33
* 12-cm-Kugellager-Ansauglüfter (@1500RPM) mit Filter
* Hot Swap-fähige SATA -Festplatte für RAID-Speichersystem

3. Thermometer sowie Lüfterdrehzahl -Steuerung und -Erkennung

TR-5B
* Für das 5,25" Laufwerkfach

TR-3B
* Für das 3,5" Laufwerkfach

4. Aluminiumblende

C-02A

C-02B
* Für das CD/DVD-Laufwerkfach. Nur verträglich mit dem Lian-Li-Gehäuse.

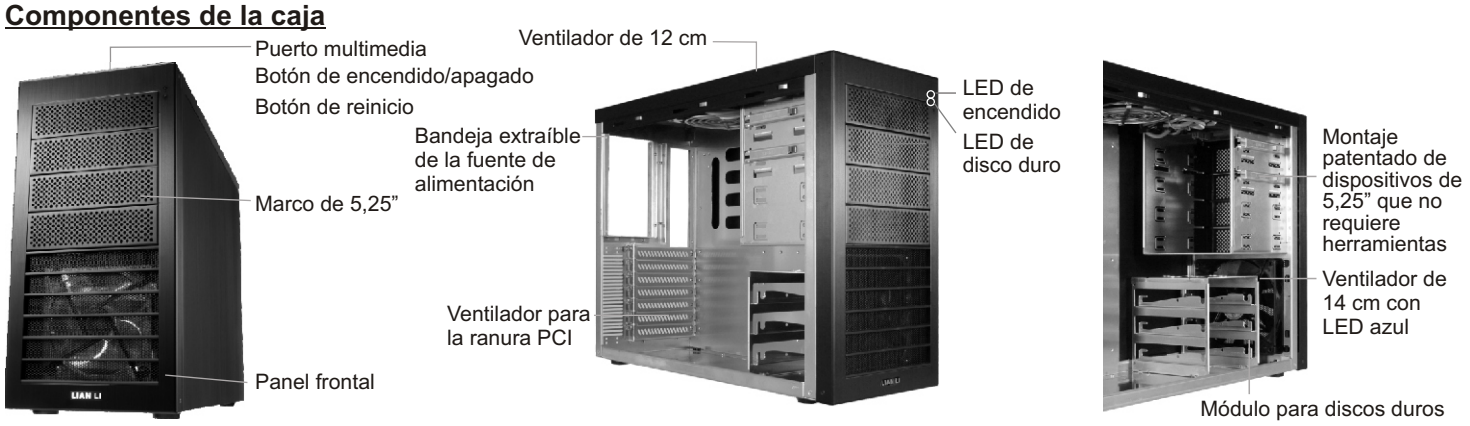
5. Multimedia-E/A-Anschlüsse

BZ-U01B
Mit Stromschalter/Reset -Schalter

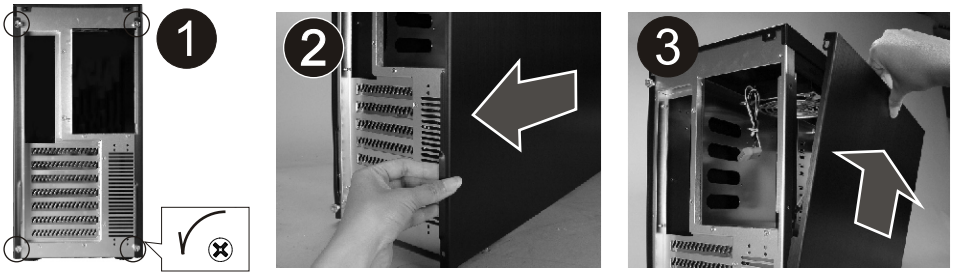
BZ-U02B

Guía de instalación para el gabinete de PC de aluminio

Componentes de la caja

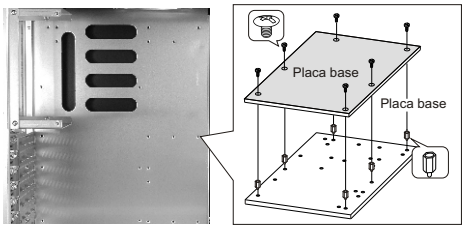

Puerto multimedia
Botón de encendido/apagado
Botón de reinicio
Marco de 5,25”
Panel frontal
Ventilador de 12 cm
Bandeja extraíble de la fuente de alimentación
Ventilador para la ranura PCI
LED de encendido
LED de disco duro
Montaje patentado de dispositivos de 5,25” que no requiere herramientas
Ventilador de 14 cm con LED azul
Módulo para discos duros

Guía para abrir los paneles laterales izquierdo y derecho



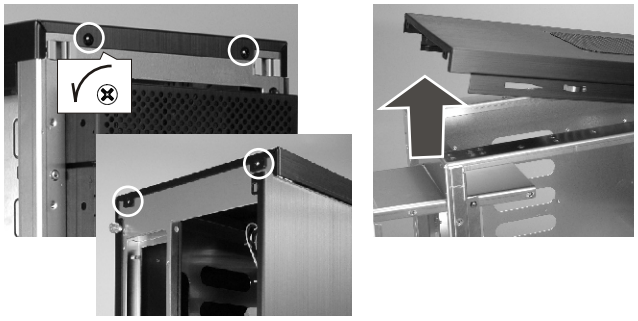
1. Extraiga los cuatro tornillos mariposa.
2. Deslice el panel hacia atrás para liberarlo.
3. Levante el panel lateral.

Instalación de la placa base



De acuerdo con la especificación de la placa base, seleccione los puntos de fijación adecuados, coloque los pernos de cobre en los puntos correspondientes de la bandeja de la placa base y asegure la placa base con los pernos de cobre.

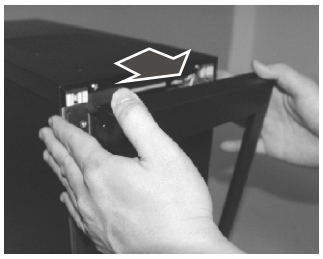
Panel superior extraíble



Afloje los cuatro tornillos para extraer el panel superior.

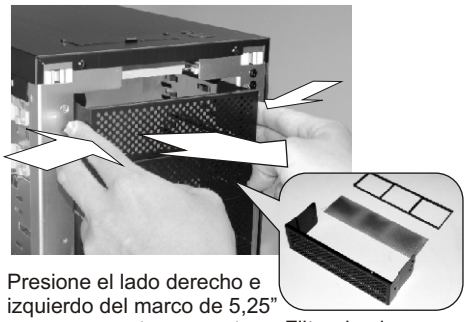
> **!** Precaución: Extraiga todos los paneles laterales antes de extraer el panel superior.

Extracción del panel frontal



Tire del panel frontal hacia usted.

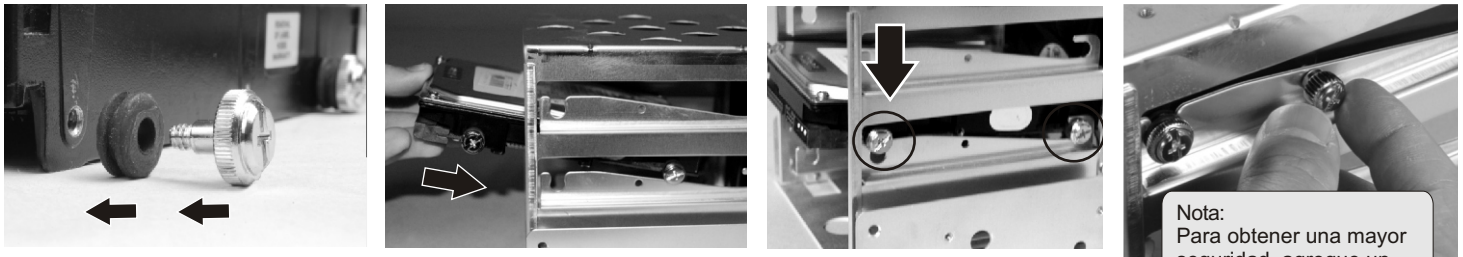
Extracción del soporte de montaje



Presione el lado derecho e izquierdo del marco de 5,25” para extraer el soporte de montaje.

Filtro de aire extraíble

Instalación del disco duro en la cubierta para discos duros modularizada



1. Coloque en el disco duro los tornillos para el disco duro junto con los anillos de goma antivibración.
2. Deslice el disco duro hacia la parte interior de la cubierta para discos duros con kit antivibración.
3. Presione hacia abajo el disco duro contra las ranuras para asegurarlo en su lugar.

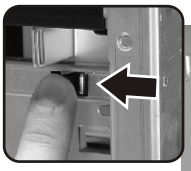
Nota:
Para obtener una mayor seguridad, agregue un tornillo adicional a la cubierta para discos duros.

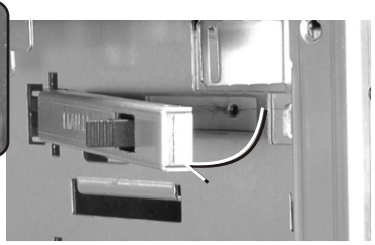
Lista de hardware

∗ Extra quantities are spare parts.

Tornillo (22) para sujetar las unidades y la placa base	Cable para el zumbador (1)	Tornillo mariposa (13) y anillo de goma (13) para sujetar los discos duros	Tornillo (5) para sujetar la fuente de alimentación
Tornillo (5) para sujetar el soporte de la fuente de alimentación	Abrazadera de cables (1) para los sujetar los cables		Tornillo mariposa (3) para una sujeción adicional de los discos duros
Destornillador (1) para el ensamble de la placa madre	Perno de cobre (10) para la placa base	Soporte de la fuente de alimentación (1)	

Instalación de la unidad de discos ópticos

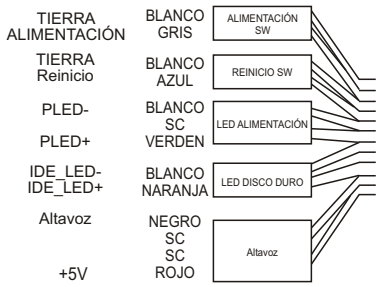




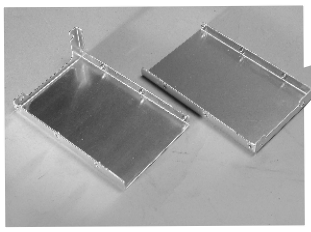
Sólo presione la perilla de plástico para liberar el soporte de montaje.

Empuje la unidad de CD-ROM hacia el módulo de discos ópticos.
Cierre el soporte.

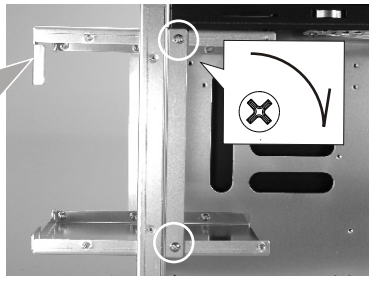
Guía de instalación del cable del panel frontal

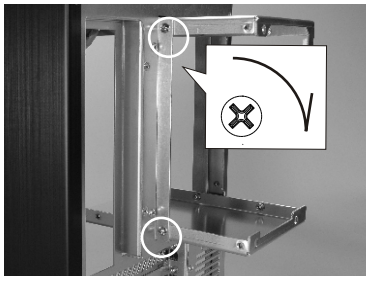


Instalación de la fuente de alimentación multiposición

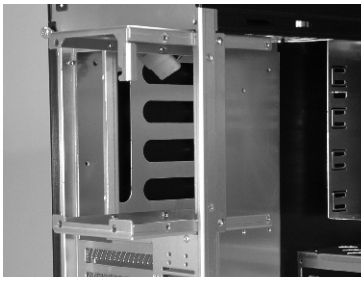


Soportes de la fuente de alimentación

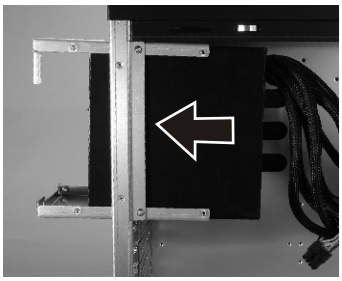




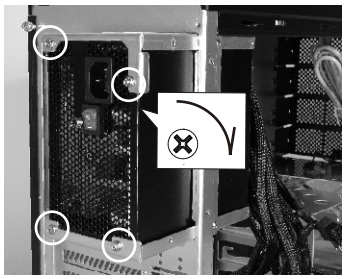
Instale el soporte de la fuente de alimentación en la abertura de la bandeja para la fuente de alimentación.



Fin.

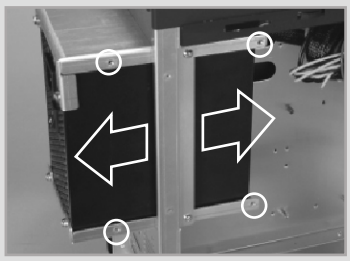


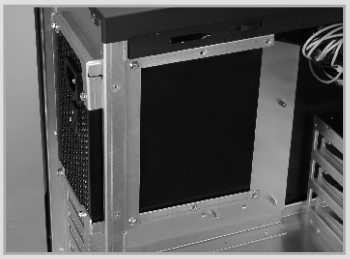
Coloque la fuente de alimentación entre los soportes de la fuente de alimentación.



Utilice cuatro tornillos para asegurar la fuente de alimentación.

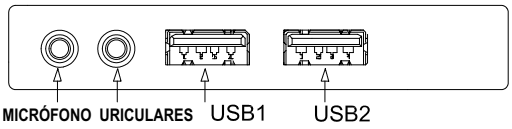
NOTA:



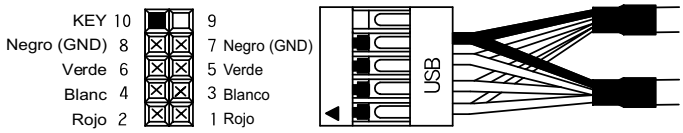


Tres puntos de fijación para el ajuste de la posición de la fuente de alimentación. Admite una fuente de alimentación de hasta 410 mm de largo.

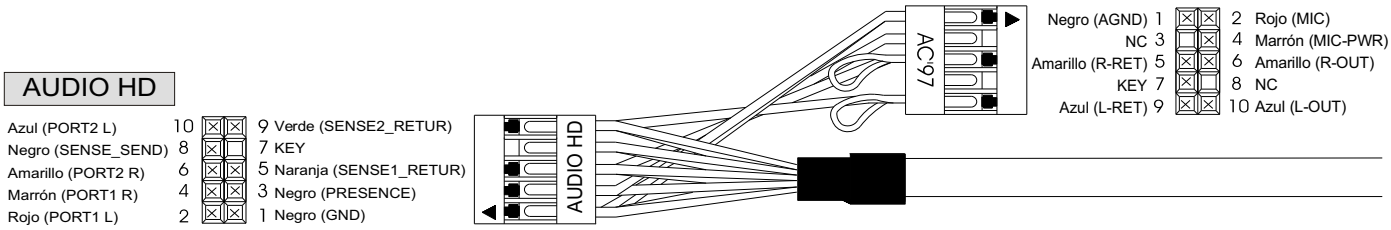
Instalación de los puertos de E/S



USB 2.0

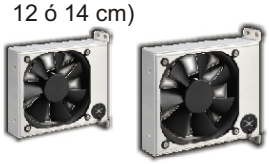


AUDIO HD



KITS OPCIONALES

1. KIT de refrigeración PCI patentado (ventilador de 12 ó 14 cm)



BS-03

* Ventilador con rodamiento de bolas de 12 cm y @1500 RPM

BS-06

* Ventilador con rodamiento de bolas de 14 cm y @900 RPM

* Se puede cambiar el ventilador por uno con LED azul.

2. Soporte para 3 discos duros de 3,5" (3 bahías de convertidor de 5,25" a 3 bahías de 3,5" internas)

EX-33B

* Ventilador con rodamiento de bolas de 12 cm (@1000 RPM) con filtro.

EX-H33

* Ventilador de refrigeración con rodamiento de bolas, toma de aire y 12 cm (@1000 RPM) con filtro.
* RAID de conexión rápida SATA

3. Termómetro, control de la velocidad del ventilador y detección.

TR-5B

* Para la bahía de 5,25"

TR-3B

* Para la bahía de 3,5"

4. Marco de aluminio

C-02A

C-02B

* Para CD/DVD ROM, sólo compatible con el gabinete Lian-Li.

5. Puertos de E/S multimedia

BZ-U01B

Con botón de encendido-apagado/reinicio

BZ-U02B